

**From:** [Young, Howard S](#)  
**To:** [Moody, Nicky](#)  
**Cc:** [jennifer.pretare@aecom.com](#); [Scott Coffey](#); [Stuesse, Gregory L.](#); [Ruffle, Betsy](#); [kkroeger@geosyntec.com](#); [afitzpatrick@geosyntec.com](#); [ken.tyrrell@aecom.com](#); [Tauscher, Mark](#); [aclements@geosyntec.com](#); [Ray, Jennifer](#); [Zhen, Davis](#); [Trump, Julie M.](#); [Miner, Libby](#)  
**Subject:** Re: PH Surface Sediment Schedule 6/27 through 7/3  
**Date:** Tuesday, June 26, 2018 7:55:20 PM

Nicky,  
Thanks for the letting me know. If you go off stand by tomorrow please let me know the meeting time and place.

Howard

Sent from my iPhone

On Jun 26, 2018, at 7:00 PM, Moody, Nicky <[nicky.moody@aecom.com](mailto:nicky.moody@aecom.com)> wrote:

Howard,  
Unfortunately we are on standby for tomorrow for one vessel, the access agreement for US Moorings was not finalized today, and no more approved locations are available.  
The deployment of the vessels on Thursday is pending the EPA approval of the revised FSP. I will send out another update tomorrow end of day, if anything changes.  
Thank you  
Nicky

				Cayuse	Tieton
Wednesday	6/27/18	Surface Sediment		On Standby	
Thursday	6/28/18	Surface Sediment - 2 vessels	Tentative Kickoff/Training at 8 am for D/U and Porewater associated Surface Sediment	D/U	D/U
Friday	6/29/18	Surface Sediment - 2 vessels		D/U	D/U
Saturday	6/30/18	Surface Sediment - 2 vessels		D/U	D/U
Sunday	7/1/18	Surface Sediment - 2 vessels		Porewater associated Surface Sediment	D/U
Monday	7/2/18	Surface Sediment - 2 vessels		Porewater associated Surface Sediment	D/U
Tuesday	7/3/18	Surface Sediment - 2 vessels		Porewater associated Surface Sediment	D/U

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PRIVILEGED AND CONFIDENTIAL/JOINT DEFENSE COMMUNICATION/ATTORNEY WORK PRODUCT

**From:** Moody, Nicky

**Sent:** Thursday, June 21, 2018 5:27 PM

**To:** 'Young, Howard S.' <[younghs@cdmsmith.com](mailto:younghs@cdmsmith.com)>

**Cc:** Pretare, Jennifer <[jennifer.pretare@aecom.com](mailto:jennifer.pretare@aecom.com)>; 'Coffey, Scott' <[CoffeySE@cdmsmith.com](mailto:CoffeySE@cdmsmith.com)>; 'Stuesse, Gregory L.' <[stuessegl@cdmsmith.com](mailto:stuessegl@cdmsmith.com)>;

Ruffle, Betsy <[betsy.ruffle@aecom.com](mailto:betsy.ruffle@aecom.com)>; Tauscher, Mark <[mark.tauscher@aecom.com](mailto:mark.tauscher@aecom.com)>; Shawn Hinz ([shawn@gravitymarine.com](mailto:shawn@gravitymarine.com))

<[shawn@gravitymarine.com](mailto:shawn@gravitymarine.com)>; Keith Kroeger <[KKroeger@Geosyntec.com](mailto:KKroeger@Geosyntec.com)>; Anne Fitzpatrick ([AFitzpatrick@Geosyntec.com](mailto:AFitzpatrick@Geosyntec.com))

<[AFitzpatrick@Geosyntec.com](mailto:AFitzpatrick@Geosyntec.com)>; Tyrrell, Ken <[ken.tyrrell@aecom.com](mailto:ken.tyrrell@aecom.com)>; Shawn Hinz ([shawn@gravitymarine.com](mailto:shawn@gravitymarine.com)) <[shawn@gravitymarine.com](mailto:shawn@gravitymarine.com)>;

McCoog, Michaela <[michaela.mccoog@aecom.com](mailto:michaela.mccoog@aecom.com)>; Alison Clements <[AClements@Geosyntec.com](mailto:AClements@Geosyntec.com)>; 'Erin Dunbar' <[EDunbar@Geosyntec.com](mailto:EDunbar@Geosyntec.com)>

**Subject:** RE: PH Surface Sediment Schedule 6/13 through 7/3

Howard,

Below is the revised field schedule through July 3, 2018.

			Cayuse Location	
Friday	6/22/18	Surface Sediment / Fish Acoustic - 2 vessels	Vigor	NRC = 2 <sup>nd</sup> boat for Fish Acoustic
Saturday	6/23/18	Rest Day		
Sunday	6/24/18	Surface Sediment - 1 vessel	Vigor	
Monday	6/25/18	Surface Sediment - 1 vessel	Vigor / US Moorings?	
Tuesday	6/26/18	Surface Sediment - 1 vessel	US Moorings? / JR Simplot? / B418 and B420?	Tieton Location
Wednesday	6/27/18	Surface Sediment (D/U) - 2 vessels	D/U	D/U
Thursday	6/28/18	Surface Sediment (D/U) - 2 vessels	D/U	D/U
Friday	6/29/18	Surface Sediment (D/U) - 2 vessels	D/U	D/U
Saturday	6/30/18	Surface Sediment (D/U) - 2 vessels	D/U	D/U
Sunday	7/1/18	Surface Sediment (D/U) - 2 vessels	D/U	D/U
Monday	7/2/18	Surface Sediment (D/U) - 2 vessels	D/U	Porewater Bulk Sediment
Tuesday	7/3/18	Surface Sediment - 2 vessels	Porewater Bulk Sediment	Porewater Bulk Sediment
		End of Surface Sediment Sampling		

Thanks

Nicky

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PRIVILEGED AND CONFIDENTIAL/JOINT DEFENSE COMMUNICATION/ATTORNEY WORK PRODUCT

**From:** Moody, Nicky

**Sent:** Wednesday, June 20, 2018 11:15 AM

**To:** 'Young, Howard S.' <[younghs@cdmsmith.com](mailto:younghs@cdmsmith.com)>

**Cc:** Pretare, Jennifer <[jennifer.pretare@aecom.com](mailto:jennifer.pretare@aecom.com)>; Coffey, Scott <[CoffeySF@cdmsmith.com](mailto:CoffeySF@cdmsmith.com)>; Stuesse, Gregory L. <[stuessegl@cdmsmith.com](mailto:stuessegl@cdmsmith.com)>;

Ruffle, Betsy <[betsy.ruffle@aecom.com](mailto:betsy.ruffle@aecom.com)>; Tauscher, Mark <[mark.tauscher@aecom.com](mailto:mark.tauscher@aecom.com)>; [younghs@cdmsmith.com](mailto:younghs@cdmsmith.com); Shawn Hinz

(<[shawn@gravitymarine.com](mailto:shawn@gravitymarine.com)>) <[shawn@gravitymarine.com](mailto:shawn@gravitymarine.com)>; Keith Kroeger <[KKroeger@Geosyntec.com](mailto:KKroeger@Geosyntec.com)>; Anne Fitzpatrick

(<[AFitzpatrick@Geosyntec.com](mailto:AFitzpatrick@Geosyntec.com)>) <[AFitzpatrick@Geosyntec.com](mailto:AFitzpatrick@Geosyntec.com)>; Tyrrell, Ken <[ken.tyrrell@aecom.com](mailto:ken.tyrrell@aecom.com)>; Shawn Hinz (<[shawn@gravitymarine.com](mailto:shawn@gravitymarine.com)>

<[shawn@gravitymarine.com](mailto:shawn@gravitymarine.com)>

**Subject:** PH Surface Sediment Schedule 6/13 through 7/1

Howard,

Below is the current schedule through July 1, 2018. No changes to start time.

The Federal commando vessel is not docked in the Shipyard Commerce (Vigor) Federally Restricted Area for the next week approximately so there are no DOD limitations/restrictions currently at Vigor.

Wednesday	6/20/18	Surface Sediment - 1 vessel
Thursday	6/21/18	Surface Sediment - 1 vessel
Friday	6/22/18	Fish Acoustic - 1 vessel / Surface Sediment - 1 vessel
Saturday	6/23/18	
Sunday	6/24/18	Surface Sediment - 2 vessels
Monday	6/25/18	Surface Sediment - 2 vessels
Tuesday	6/26/18	Surface Sediment - 2 vessels
Wednesday	6/27/18	Surface Sediment - 2 vessels
Thursday	6/28/18	Surface Sediment - 2 vessels
Friday	6/29/18	Surface Sediment - 2 vessels
Saturday	6/30/18	Surface Sediment - 2 vessels
Sunday	7/1/18	Surface Sediment - 2 vessels

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PRIVILEGED AND CONFIDENTIAL/JOINT DEFENSE COMMUNICATION/ATTORNEY WORK PRODUCT

**From:** Tyrrell, Ken

**Sent:** Tuesday, June 19, 2018 5:15 PM

**To:** Zhen, Davis <[Zhen.Davis@epa.gov](mailto:Zhen.Davis@epa.gov)>; Moody, Nicky <[nicky.moody@aecom.com](mailto:nicky.moody@aecom.com)>

**Cc:** Pretare, Jennifer <[jennifer.pretare@aecom.com](mailto:jennifer.pretare@aecom.com)>; Coffey, Scott <[CoffeySF@cdmsmith.com](mailto:CoffeySF@cdmsmith.com)>; Stuesse, Gregory L. <[stuessegl@cdmsmith.com](mailto:stuessegl@cdmsmith.com)>;

Ruffle, Betsy <[betsy.ruffle@aecom.com](mailto:betsy.ruffle@aecom.com)>; McCarthy, Ryan <[Ryan.McCarthy@aecom.com](mailto:Ryan.McCarthy@aecom.com)>; Tauscher, Mark <[mark.tauscher@aecom.com](mailto:mark.tauscher@aecom.com)>;

[younghs@cdmsmith.com](mailto:younghs@cdmsmith.com)

**Subject:** RE: PH Surface Sediment Schedule 6/13 through 7/1

Davis,

Two points:

- We will be operating on two boats on Friday 6/22. One for the fish acoustics and a second for the sediment sampling.
- We have been notified of a [citizenship requirement](#) when we sample at certain locations around the Shipyard Commerce facility, it is reasonable to assume the requirements will extend to the EPA and its contractors. We could be sampling in the area as early as Thursday although the five locations listed below might occur later due to the additional approvals required by the DOD.

We will endeavor to keep you apprised of the schedule and requirements.

3. Access to certain restricted areas designated in Exhibit C here, including five sampling locations : SG-S179, SG-S183, SG-S191, SB-191 and B-255 (alternative 1), is restricted and will require further approval by the U.S. Department of Defense, and Shipyard Commerce agrees to promptly seek such approval within two weeks of Shipyard Commerce Center's receipt of Pre-RD AOC Group's written request for access. *Pre-RD AOC Group acknowledges that any approval may include restrictions on the citizenship of the individuals seeking access. (emphasis added)*

**From:** Young, Howard S. [<mailto:younghs@cdmsmith.com>]

**Sent:** Tuesday, June 19, 2018 2:21 PM

**To:** Moody, Nicky <[nicky.moody@aecom.com](mailto:nicky.moody@aecom.com)>

**Cc:** Pretare, Jennifer <[jennifer.pretare@aecom.com](mailto:jennifer.pretare@aecom.com)>; Tyrrell, Ken <[ken.tyrrell@aecom.com](mailto:ken.tyrrell@aecom.com)>; Zhen, Davis <[Zhen.Davis@epa.gov](mailto:Zhen.Davis@epa.gov)>; Coffey, Scott

<[CoffeySF@cdmsmith.com](mailto:CoffeySF@cdmsmith.com)>; Stuesse, Gregory L. <[stuessegl@cdmsmith.com](mailto:stuessegl@cdmsmith.com)>; Ruffle, Betsy <[betsy.ruffle@aecom.com](mailto:betsy.ruffle@aecom.com)>; McCarthy, Ryan

<[Ryan.McCarthy@aecom.com](mailto:Ryan.McCarthy@aecom.com)>; Tauscher, Mark <[mark.tauscher@aecom.com](mailto:mark.tauscher@aecom.com)>

**Subject:** RE: PH Surface Sediment Schedule 6/13 through 7/1

Please clarify whether there will be one or two boats operating on Friday 6/22 for the fish acoustics and the sediment sampling.

Thanks

Howard

**From:** Moody, Nicky <nicky.moody@aecom.com>  
**Sent:** Tuesday, June 19, 2018 2:12 PM  
**To:** Young, Howard S. <younghs@cdmsmith.com>  
**Cc:** Pretare, Jennifer <jennifer.pretare@aecom.com>; Tyrrell, Ken <ken.tyrrell@aecom.com>; Zhen, Davis <Zhen.Davis@epa.gov>; Coffey, Scott <CoffeySF@cdmsmith.com>; Stuesse, Gregory L. <stuessegl@cdmsmith.com>; Ruffle, Betsy <betsy.ruffle@aecom.com>; McCarthy, Ryan <Ryan.McCarthy@aecom.com>; Tauscher, Mark <mark.tauscher@aecom.com>  
**Subject:** RE: PH Surface Sediment Schedule 6/13 through 7/1

Fish acoustic field work will start at 7:30 am at the SIL boat ramp on Friday 6/22/18.

Field schedule update either today COB or first thing tomorrow morning for remainder of the surface sediment sampling.

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**From:** Young, Howard S. [<mailto:younghs@cdmsmith.com>]  
**Sent:** Tuesday, June 19, 2018 9 00 AM  
**To:** Moody, Nicky <nicky.moody@aecom.com>  
**Cc:** Pretare, Jennifer <jennifer.pretare@aecom.com>; Tyrrell, Ken <ken.tyrrell@aecom.com>; Zhen, Davis <Zhen.Davis@epa.gov>; Coffey, Scott <CoffeySF@cdmsmith.com>; Stuesse, Gregory L. <stuessegl@cdmsmith.com>  
**Subject:** RE: PH Surface Sediment Schedule 6/13 through 7/1

Hi Nicky,

Can you clarify on the schedule below whether Fish Acoustic / Surface Sediment - 1 vessel will be one vessel for sediment and one vessel for the Fish Acoustic work. EPA would like to provide oversight of the fish acoustic work so please let me know the logistics meeting place and time.

When will the updated schedule for field activities be available?

Thank you,

Howard S. Young, LG | CDM Smith  
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**From:** Moody, Nicky <nicky.moody@aecom.com>  
**Sent:** Tuesday, June 12, 2018 7:34 PM  
**To:** Young, Howard S. <younghs@cdmsmith.com>  
**Cc:** Pretare, Jennifer <jennifer.pretare@aecom.com>; Ruffle, Betsy <betsy.ruffle@aecom.com>; Coffey, Scott <CoffeySF@cdmsmith.com>; Keith Kroeger <KKroeger@Geosyntec.com>; Anne Fitzpatrick <AFitzpatrick@Geosyntec.com>; Tyrrell, Ken <ken.tyrrell@aecom.com>  
**Subject:** RE: PH Surface Sediment Schedule 6/13 through 7/1

Howard,

I forgot to add that the deployment of the second vessel on 6/24 is dependent on the EPA approval of the D/U locations.

Thanks

Nicky

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**From:** Moody, Nicky  
**Sent:** Tuesday, June 12, 2018 5:14 PM  
**To:** Young, Howard S. <younghs@cdmsmith.com>  
**Cc:** Pretare, Jennifer <jennifer.pretare@aecom.com>; Ruffle, Betsy <betsy.ruffle@aecom.com>; Coffey, Scott <CoffeySF@cdmsmith.com>; Keith Kroeger <KKroeger@Geosyntec.com>; Anne Fitzpatrick <AFitzpatrick@Geosyntec.com>; Tyrrell, Ken <ken.tyrrell@aecom.com>  
**Subject:** PH Surface Sediment Schedule 6/13 through 7/1

Howard,

Below is the revised estimated field schedule going through to the end of the surface sediment task. There are no changes to the schedule since my last email update until we get to 6/19, which is no longer a rest day. Also no changes in the start time.

We have approximately 130 locations remaining, and this schedule assumes a production rate of 5 samples a day per vessel. If production rates are higher then we will hopefully eliminate the weekend work on 6/30 and 7/1. I can provide an update again Wednesday next week by COB.

The AECOM site safety officer through 6/22 is Michaela McCoog (cell: (b) (6)).

Thanks

Nicky

Wednesday	6/13/18	2 1 / 2 2	Bathymetry / Surface Sediment - 1 vessel
Thursday	6/14/18	2 1 / 2 2	Bathymetry / Surface Sediment - 1 vessel
Friday	6/15/18	2 1 / 2 2	Bathymetry / Surface Sediment - 1 vessel
Saturday	6/16/18	2 2	Surface Sediment - 1 vessel
Sunday	6/17/18	2 2	Surface Sediment - 1 vessel
Monday	6/18/18	2 2	Surface Sediment - 1 vessel
Tuesday	6/19/18	2 2	Surface Sediment - 1 vessel
Wednesday	6/20/18	2 2	Surface Sediment - 1 vessel
Thursday	6/21/18	2 2	Surface Sediment - 1 vessel
Friday	6/22/18	2 6 / 2 2	Fish Acoustic / Surface Sediment - 1 vessel
Saturday	6/23/18		Rest Day
Sunday	6/24/18	2 2	Surface Sediment - 2 vessels
Monday	6/25/18	2 2	Surface Sediment - 2 vessels
Tuesday	6/26/18	2 2	Surface Sediment - 2 vessels

Wednesday	6/27/18	2 2	Surface Sediment - 2 vessels
Thursday	6/28/18	2 2	Surface Sediment - 2 vessels
Friday	6/29/18	2 2	Surface Sediment - 2 vessels
Saturday	6/30/18	2 2	Surface Sediment - 2 vessels
Sunday	7/1/18	2 2	Surface Sediment - 2 vessels
			<b>End of Surface Sediment</b>

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PRIVILEGED AND CONFIDENTIAL/JOINT DEFENSE COMMUNICATION/ATTORNEY WORK PRODUCT

**From:** Moody, Nicky

**Sent:** Wednesday, June 6, 2018 4:44 PM

**To:** 'Howard Young' <[younghs@cdm.com](mailto:younghs@cdm.com)>

**Cc:** Pretare, Jennifer <[jennifer.pretare@aecom.com](mailto:jennifer.pretare@aecom.com)>; Ruffle, Betsy <[betsy.ruffle@aecom.com](mailto:betsy.ruffle@aecom.com)>; Coffey, Scott (<[CoffeySE@cdmsmith.com](mailto:CoffeySE@cdmsmith.com)>)

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**Subject:** PH Surface Sediment Schedule 6/13 through 6/18

Howard,

Surface sediment sampling will resume on Wednesday 6/13/2018 with only one vessel. 6/19/2018 is our next rest day. Same start time at SIL boat ramp – 8 am. We will resume with two vessels as soon as the downtown/upriver reach locations are approved.

Thank you

Nicky

Wednesday	6/13/18	2 2	Surface Sediment - 1 vessel	Port of Portland private property
Thursday	6/14/18	2 2	Surface Sediment - 1 vessel	Port of Portland private property
Friday	6/15/18	2 2	Surface Sediment - 1 vessel	Port of Portland private property
Saturday	6/16/18	2 2	Surface Sediment - 1 vessel	Port of Portland private property / Gunderson (3 locations after barge departs)
Sunday	6/17/18	2 2	Surface Sediment - 1 vessel	Army Corps (license application close) and re-visit locations
Monday	6/18/18	2 2	Surface Sediment - 1 vessel	Re-visit locations / Other private property locations (access agreements pending)
Tuesday	6/19/18		Rest Day	

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